

10. _____ said grounded layer has a slot at a position opposed to an end of said signal transmission line; and

said connection portion includes a first dielectric portion formed so as to cover the slot of said ground layer, a second dielectric portion laminated on said first dielectric portion, and a patched conductor provided at a position opposed to said slot on an interface between the first dielectric portion and the second dielectric portion.

20 The wiring board enables the signals to be efficiently transmitted from the signal transmission line to the waveguide permitting a small loss and a small reflection.

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Figure 1